

4/8/05

EAST SEARCH  
NOTES 09/744,622

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	802	(theobromine and caffeine and theophylline)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/08 10:38
L2	31	1 and thermogen\$	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/08 10:39
L3	1320	henley\$.xp.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/08 10:42
L4	3	2 and 3	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/08 10:41
L5	273	henley\$.xa.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/08 10:42
L6	2	5 and thermogen\$	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/08 10:42
L7	1	"5192740".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/08 10:44
L8	308	1 and (metabolism metabolic)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/08 10:44
L9	0	7 and (metabolism metabolic)	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/08 10:44

# SEARCH NOTES

Connecting via Winsock to STN

09/744, 622

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4/8/05

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
 NEWS 2 "Ask CAS" for self-help around the clock  
 NEWS 3 FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks  
 (ROSPATENT) added to list of core patent offices covered  
 NEWS 4 FEB 28 PATDPAFULL - New display fields provide for legal status  
 data from INPADOC  
 NEWS 5 FEB 28 BABS - Current-awareness alerts (SDIs) available  
 NEWS 6 FEB 28 MEDLINE/LMEDLINE reloaded  
 NEWS 7 MAR 02 GBFULL: New full-text patent database on STN  
 NEWS 8 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced  
 NEWS 9 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
 NEWS 10 MAR 22 KOREAPAT now updated monthly; patent information enhanced  
 NEWS 11 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY  
 NEWS 12 MAR 22 PATDPASPC - New patent database available  
 NEWS 13 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags  
 NEWS 14 APR 04 EPFULL enhanced with additional patent information and new  
 fields  
 NEWS 15 APR 04 EMBASE - Database reloaded and enhanced

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT  
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
 AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 09:02:15 ON 08 APR 2005

=> file registry  
 COST IN U.S. DOLLARS  
 FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FILE 'REGISTRY' ENTERED AT 09:02:23 ON 08 APR 2005

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Property values tagged with IC are from the ZIC/VINITI data file  
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STRUCTURE FILE UPDATES: 7 APR 2005 HIGHEST RN 848122-48-5  
DICTIONARY FILE UPDATES: 7 APR 2005 HIGHEST RN 848122-48-5

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
*****
```

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> e 2,4-dinitrophenol/cn

E1	1	2,4-DINITROPHENANTHROLINEQUINONE/CN
E2	1	2,4-DINITROPHENETOLE/CN
E3	1 -->	2,4-DINITROPHENOL/CN
E4	1	2,4-DINITROPHENOL 3-REDUCTASE/CN
E5	1	2,4-DINITROPHENOL 5-REDUCTASE/CN
E6	1	2,4-DINITROPHENOL AMMONIUM SALT/CN
E7	1	2,4-DINITROPHENOL ANION/CN
E8	1	2,4-DINITROPHENOL ANION RADICAL/CN
E9	1	2,4-DINITROPHENOL CESIUM SALT/CN
E10	1	2,4-DINITROPHENOL CINNAMATE/CN
E11	1	2,4-DINITROPHENOL LITHIUM SALT/CN
E12	1	2,4-DINITROPHENOL N,N-DIMETHYLBENZYLAMINE SALT/CN

=> s e3

L1 1 "2,4-DINITROPHENOL"/CN

=> e glucagon/cn

E1	1	GLUCAFERM/CN
E2	1	GLUCAGEL/CN
E3	1 -->	GLUCAGON/CN
E4	1	GLUCAGON (AMIA CALVA)/CN
E5	1	GLUCAGON (AMPHIUMA TRIDACTYLUM)/CN
E6	1	GLUCAGON (CANIS FAMILIARIS STOMACH)/CN
E7	1	GLUCAGON (CARASSIUS AURATUS)/CN
E8	1	GLUCAGON (CHICKEN)/CN
E9	1	GLUCAGON (CHINCHILLA)/CN
E10	1	GLUCAGON (DANIO RERIO)/CN
E11	1	GLUCAGON (DIDELPHIS VIRGINIANA)/CN
E12	1	GLUCAGON (DOG PANCREAS)/CN

=> s e3

L2 1 GLUCAGON/CN

=> file caplus  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
9.63	9.84

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 09:02:47 ON 08 APR 2005  
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FILE COVERS 1907 - 8 Apr 2005 VOL 142 ISS 16  
FILE LAST UPDATED: 7 Apr 2005 (20050407/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l1  
L3 8120 L1

=> s l2  
L4 16255 L2

=> s hyperthermia? or (intracellular induced hyperthermia?) or pyrogen? or (fever therap?) or (local hyperthermia?) or (therapeutic hyperthermia?) or thermotherap? or (induced hyperthermia?)

12663 HYPERTHERMIA?  
220910 INTRACELLULAR  
2 INTRACELLULARS  
220910 INTRACELLULAR  
(INTRACELLULAR OR INTRACELLULARS)  
1423704 INDUCED  
13 INDUCEDS  
1423709 INDUCED  
(INDUCED OR INDUCEDS)  
12663 HYPERTHERMIA?  
0 INTRACELLULAR INDUCED HYPERTHERMIA?  
(INTRACELLULAR (W) INDUCED (W) HYPERTHERMIA?)  
8884 PYROGEN?  
25816 FEVER  
630 FEVERS  
26002 FEVER  
(FEVER OR FEVERS)  
410201 THERAP?  
125 FEVER THERAP?  
(FEVER (W) THERAP?)  
315364 LOCAL  
40 LOCALS  
315397 LOCAL  
(LOCAL OR LOCALS)  
12663 HYPERTHERMIA?  
226 LOCAL HYPERTHERMIA?

(LOCAL (W) HYPERTHERMIA?)  
 178220 THERAPEUTIC  
 18723 THERAPEUTICS  
 192292 THERAPEUTIC  
 (THERAPEUTIC OR THERAPEUTICS)  
 12663 HYPERTHERMIA?  
 80 THERAPEUTIC HYPERTHERMIA?  
 (THERAPEUTIC (W) HYPERTHERMIA?)  
 151 THERMOTHERAP?  
 1423704 INDUCED  
 13 INDUCEDS  
 1423709 INDUCED  
 (INDUCED OR INDUCEDS)  
 12663 HYPERTHERMIA?  
 845 INDUCED HYPERTHERMIA?  
 (INDUCED (W) HYPERTHERMIA?)  
 L5 20904 HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYROGE  
 N? OR (FEVER THERAP?) OR (LOCAL HYPERTHERMIA?) OR (THERAPEUTIC  
 HYPERTHERMIA?) OR THERMOTHERAP? OR (INDUCED HYPERTHERMIA?)  
 => s cancer or neoplas? or malignan? or tumor? or carcinoma? or "non-hodgkin's  
 lymphoma" or (prostate cancer?) or (prostate carcinoma?) or (glioblastoma  
 multiforme?) or "kaposi's sarcoma"  
 242159 CANCER  
 34815 CANCERS  
 251455 CANCER  
 (CANCER OR CANCERS)  
 404239 NEOPLAS?  
 70614 MALIGNAN?  
 386257 TUMOR?  
 134654 CARCINOMA?  
 711903 "NON"  
 33 "NONS"  
 711929 "NON"  
 ("NON" OR "NONS")  
 520 "HODGKINS"  
 30302 "LYMPHOMA"  
 7386 "LYMPHOMAS"  
 32092 "LYMPHOMA"  
 ("LYMPHOMA" OR "LYMPHOMAS")  
 149 "NON-HODGKIN'S LYMPHOMA"  
 ("NON" (W) "HODGKINS" (W) "LYMPHOMA")  
 40361 PROSTATE  
 1248 PROSTATES  
 40468 PROSTATE  
 (PROSTATE OR PROSTATES)  
 254827 CANCER?  
 13656 PROSTATE CANCER?  
 (PROSTATE (W) CANCER?)  
 40361 PROSTATE  
 1248 PROSTATES  
 40468 PROSTATE  
 (PROSTATE OR PROSTATES)  
 134654 CARCINOMA?  
 2912 PROSTATE CARCINOMA?  
 (PROSTATE (W) CARCINOMA?)  
 5250 GLIOBLASTOMA  
 1138 GLIOBLASTOMAS  
 5540 GLIOBLASTOMA  
 (GLIOBLASTOMA OR GLIOBLASTOMAS)  
 1423 MULTIFORME?  
 1119 GLIOBLASTOMA MULTIFORME?  
 (GLIOBLASTOMA (W) MULTIFORME?)  
 130 "KAPOSIS"

34393 "SARCOMA"  
 3951 "SARCOMAS"  
 100 "SARCOMATA"  
 35981 "SARCOMA"  
 ("SARCOMA" OR "SARCOMAS" OR "SARCOMATA")  
 127 "KAPOSI'S SARCOMA"  
 ("KAPOSI" (W) "SARCOMA")

L6 667028 CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "NON-HODGKIN'S LYMPHOMA" OR (PROSTATE CANCER?) OR (PROSTATE CARCINOMA ?) OR (GLIOBLASTOMA MULTIFORME?) OR "KAPOSI'S SARCOMA"

=> s infecti? or "HIV" or (human immunodeficiency virus?) or virus? or (borrelia (W) burgdorferi?) or (mycobacterium (W) leprae?) or (treponema (W) pallidum?) or "hepatitis C" or hepatitis? or herpes? or papillomavirus? or candida? or "sporothrix schenkii" or histoplasma? or bacteria?

292085 INFECTI?  
 59683 "HIV"  
 89 "HIVS"  
 59697 "HIV"  
 ("HIV" OR "HIVS")  
 1407636 HUMAN  
 325174 HUMANS  
 1570530 HUMAN  
 (HUMAN OR HUMANS)  
 61149 IMMUNODEFICIENCY  
 614 IMMUNODEFICIENCIES  
 61364 IMMUNODEFICIENCY  
 (IMMUNODEFICIENCY OR IMMUNODEFICIENCIES)  
 333640 VIRUS?  
 44017 HUMAN IMMUNODEFICIENCY VIRUS?  
 (HUMAN (W) IMMUNODEFICIENCY (W) VIRUS?)  
 333640 VIRUS?  
 2843 BORRELIA  
 19 BORRELIAS  
 2843 BORRELIA  
 (BORRELIA OR BORRELIAS)  
 2323 BURGDORFERI?  
 2288 BORRELIA (W) BURGDORFERI?  
 32048 MYCOBACTERIUM  
 4 MYCOBACTERIUMS  
 7023 MYCOBACTERIA  
 1 MYCOBACTERIAS  
 33097 MYCOBACTERIUM  
 (MYCOBACTERIUM OR MYCOBACTERIUMS OR MYCOBACTERIA OR MYCOBACTERIAS)  
 2258 LEPRAE?  
 2071 MYCOBACTERIUM (W) LEPRAE?  
 2298 TREPONEMA  
 29 TREPONEMAS  
 18 TREPONEMATA  
 2311 TREPONEMA  
 (TREPONEMA OR TREPONEMAS OR TREPONEMATA)  
 2353 PALLIDUM?  
 1336 TREPONEMA (W) PALLIDUM?  
 46778 "HEPATITIS"  
 3288862 "C"  
 13210 "HEPATITIS C"  
 ("HEPATITIS" (W) "C")  
 46778 HEPATITIS?  
 36153 HERPES?  
 8370 PAPILLOMAVIRUS?  
 120802 CANDIDA?  
 405 "SPOROTHRIX"  
 45 "SCHENKII"

12 "SPOROTHRIX SCHENKII"  
 ("SPOROTHRIX" (W) "SCHENKII")  
 1145 HISTOPLASMA?  
 431403 BACTERIA?  
 L7 996078 INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS?  
 OR (BORRELIA (W) BURGDOFFERII?) OR (MYCOBACTERIUM (W) LEPRAE?)  
 OR (TREPONEMA (W) PALLIDUM?) OR "HEPATITIS C" OR HEPATITIS? OR  
 HERPES? OR PAPILLOMAVIRUS? OR CANDIDA? OR "SPOROTHRIX SCHENKII"  
 OR HISTOPLASMA? OR BACTERIA?

=> s infestation? or parasite? or fungi? or (fungal (W) infecti?) or  
 paracoccidioides? or aspergillus? or leishmania? or malaria? or acanthamoeba? or  
 cestodes?

13934 INFESTATION?  
 36661 PARASITE?  
 155195 FUNGI?  
 45369 FUNGAL  
 8 FUNGALS  
 45373 FUNGAL  
 (FUNGAL OR FUNGALS)  
 292085 INFECTI?  
 3622 FUNGAL (W) INFECTI?  
 16 PARACOCCIDIODES?  
 46108 ASPERGILLUS?  
 7845 LEISHMANIA?  
 16481 MALARIA?  
 5 ACANTHOMOEBA?  
 509 CESTODES?

L8 248590 INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?) OR  
 PARACOCCIDIODES? OR ASPERGILLUS? OR LEISHMANIA? OR MALARIA? OR  
 ACANTHOMOEBA? OR CESTODES?

=> d his

(FILE 'HOME' ENTERED AT 09:02:15 ON 08 APR 2005)

FILE 'REGISTRY' ENTERED AT 09:02:23 ON 08 APR 2005

E 2,4-DINITROPHENOL/CN  
 L1 1 S E3  
 E GLUCAGON/CN  
 L2 1 S E3

FILE 'CAPLUS' ENTERED AT 09:02:47 ON 08 APR 2005

L3 8120 S L1  
 L4 16255 S L2  
 L5 20904 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR  
 L6 667028 S CANCER OR NEOPLAS? OR MALIGNANT? OR TUMOR? OR CARCINOMA? OR "N  
 L7 996078 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS  
 L8 248590 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)

=> s 13 and 14

L9 11 L3 AND L4

=> s 19 and 15

L10 1 L9 AND L5

=> d 110

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2000:98300 CAPLUS

DN 132:132356

TI Chemically induced intracellular **hyperthermia** for therapeutic  
 and diagnostic use

IN Bachynsky, Nicholas; Roy, Woodie

PA Texas Pharmaceuticals, Inc., USA  
SO PCT Int. Appl., 149 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000006143	A1	20000210	WO 1999-US16940	19990727
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2337690	AA	20000210	CA 1999-2337690	19990727
	AU 9951318	A1	20000221	AU 1999-51318	19990727
	AU 750313	B2	20020718		
	EP 1098641	A1	20010516	EP 1999-935949	19990727
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI	US 1998-94286P	P	19980727		
	WO 1999-US16940	W	19990727		
RE.CNT	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

=> file medline biosis caplus embase wpids  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
125.12	134.96

FILE 'MEDLINE' ENTERED AT 09:09:26 ON 08 APR 2005

FILE 'BIOSIS' ENTERED AT 09:09:26 ON 08 APR 2005  
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=> s "2,4-dinitrophenol" or dinitrophenol? or "2,4-DNP" or "DNP" or  
"2,4-dinitrophenol (NM)"  
L11 51618 "2,4-DINITROPHENOL" OR DINITROPHENOL? OR "2,4-DNP" OR "DNP" OR  
"2,4-DINITROPHENOL (NM)"

=> s glucagon? or glukagon? or "HG-Factor" or (hyperglycemic (W) glycogenolytic (W)  
factor?) or pancreatic hormone?  
L12 111977 GLUCAGON? OR GLUKAGON? OR "HG-FACTOR" OR (HYPERGLYCEMIC (W)  
GLYCOGENOLYTIC (W) FACTOR?) OR PANCREATIC HORMONE?

=> s hyperthermia? or (intracellular induced hyperthermia?) or pyrogen? or (fever  
therap?) or (local hyperthermia?) or (therapeutic hyperthermia?) or thermotherap?  
or (induced hyperthermia?)



4 FILES SEARCHED...

L13 93547 HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYROGEN? OR (FEVER THERAP?) OR (LOCAL HYPERTHERMIA?) OR (THERAPEUTIC HYPERTHERMIA?) OR THERMOTHERAP? OR (INDUCED HYPERTHERMIA?)

=> s cancer or neoplas? or malignan? or tumor? or carcinoma? or "non-hodgkin's lymphoma" or (prostate cancer?) or (prostate carcinoma?) or (glioblastoma multiforme?) or "kaposi's sarcoma"

2 FILES SEARCHED...

4 FILES SEARCHED...

L14 5243241 CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "NON-HODGKIN'S LYMPHOMA" OR (PROSTATE CANCER?) OR (PROSTATE CARCINOMA?) OR (GLIOBLASTOMA MULTIFORME?) OR "KAPOSI'S SARCOMA"

=> s infecti? or "HIV" or (human immunodeficiency virus?) or virus? or (borrelia (W) burgdorferi?) or (mycobacterium (W) leprae?) or (treponema (W) pallidum?) or "hepatitis C" or hepatitis? or herpes? or papillomavirus? or candida? or "sporothrix schenkii" or histoplasma? or bacteria?

2 FILES SEARCHED...

4 FILES SEARCHED...

L15 6487323 INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS? OR (BORRELIA (W) BURGDOFFERI?) OR (MYCOBACTERIUM (W) LEPRAE?) OR (TREPONEMA (W) PALLIDUM?) OR "HEPATITIS C" OR HEPATITIS? OR HERPES? OR PAPILLOMAVIRUS? OR CANDIDA? OR "SPOROTHRIX SCHENKII" OR HISTOPLASMA? OR BACTERIA?

=> s infestation? or parasite? or fungi? or (fungal (W) infecti?) or paracoccidiodes? or aspergillus? or leishmania? or malaria? or acanthamoeba? or cestodes?

L16 1319549 INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?) OR PARACOCIDIODES? OR ASPERGILLUS? OR LEISHMANIA? OR MALARIA? OR ACANTHOMOEBA? OR CESTODES?

=> s (uncoupler?) or (uncoupling agent?) or (mitochondrial (W) uncoupling (W) agent?)

L17 18574 (UNCOUPLER?) OR (UNCOUPLING AGENT?) OR (MITOCHONDRIAL (W) UNCOUPLING (W) AGENT?)

=> s l17 or l11

L18 66733 L17 OR L11

=> s l18 and (l14 or l15 or l16)

2 FILES SEARCHED...

4 FILES SEARCHED...

L19 10670 L18 AND (L14 OR L15 OR L16)

=> s l19 and l13

L20 120 L19 AND L13

=> s l20 and l12

L21 2 L20 AND L12

=> d l21 1-2 ibib ed abs

L21 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:98300 CAPLUS

DOCUMENT NUMBER: 132:132356

TITLE: Chemically induced intracellular **hyperthermia** for therapeutic and diagnostic use

INVENTOR(S): Bachynsky, Nicholas; Roy, Woodie

PATENT ASSIGNEE(S): Texas Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 149 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000006143	A1	20000210	WO 1999-US16940	19990727
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2337690	AA	20000210	CA 1999-2337690	19990727
AU 9951318	A1	20000221	AU 1999-51318	19990727
AU 750313	B2	20020718		
EP 1098641	A1	20010516	EP 1999-935949	19990727
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			US 1998-94286P	P 19980727
			WO 1999-US16940	W 19990727

ED Entered STN: 11 Feb 2000

AB Therapeutic pharmacol. agents and methods are disclosed for chemical induction of intracellular **hyperthermia** and/or free radicals for the diagnosis and treatment of **infections, malignancy**, and other medical conditions. A process and composition are provided for the diagnosis or killing of **cancer** cells and inactivation of susceptible **bacterial**, parasitic, fungal, and viral pathogens by chemical generating heat, and/or free radicals and/or **hyperthermia** -inducible immunogenic determinants by using **mitochondrial uncoupling agents**, especially **2,4-dinitrophenol**, and their conjugates, either alone or in combination with other drugs, hormones, cytokines and radiation.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 2 OF 2 WPIDS COPYRIGHT 2005 THE THOMSON CORP on STN

ACCESSION NUMBER: 2000-195173 [17] WPIDS

DOC. NO. CPI: C2000-060474

TITLE: Induction of intracellular **hyperthermia** by administration of **mitochondrial uncoupling agent** and second medication, useful e.g. to diagnose and treat **cancer**, acquired immunodeficiency syndrome (AIDS), **bacterial**, fungal and viral pathogens.

DERWENT CLASS: B05

INVENTOR(S): BACHYNSKY, N; ROY, W

PATENT ASSIGNEE(S): (TEXA-N) TEXAS PHARM INC; (SJUD-N) ST JUDE PHARM INC

COUNTRY COUNT: 87

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 2000006143	A1	20000210	(200017)*	EN	149
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW					
W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW					
AU 9951318	A	20000221	(200029)		

EP 1098641 A1 20010516 (200128) EN  
 R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT  
 RO SE SI  
 AU 750313 B 20020718 (200258)  
 MX 2001001053 A1 20030401 (200415)  
 AU 2002301502 A1 20030306 (200433) #

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2000006143	A1	WO 1999-US16940	19990727
AU 9951318	A	AU 1999-51318	19990727
EP 1098641	A1	EP 1999-935949	19990727
		WO 1999-US16940	19990727
AU 750313	B	AU 1999-51318	19990727
MX 2001001053	A1	WO 1999-US16940	19990727
		MX 2001-1053	20010129
AU 2002301502	A1 Div ex	AU 1999-51318	19990727
		AU 2002-301502	20021021

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 9951318	A Based on	WO 2000006143
EP 1098641	A1 Based on	WO 2000006143
AU 750313	B Previous Publ.	AU 9951318
	Based on	WO 2000006143
MX 2001001053	A1 Based on	WO 2000006143

PRIORITY APPLN. INFO: US 1998-94286P 19980727; AU  
 2002-301502 20021021

ED 20000405

AN 2000-195173 [17] WPIDS

AB WO 200006143 A UPAB: 20010829

NOVELTY - Induction of intracellular **hyperthermia** comprises administration of a **mitochondrial uncoupling agent**.

DETAILED DESCRIPTION - Induction of intracellular **hyperthermia** comprises administration of a **mitochondrial uncoupling agent** especially 2,4-dinitrophenol and its conjugates.

An INDEPENDENT CLAIM is made for administration of the **mitochondrial uncoupling agent** in combination with a second medication which increases the overall metabolic rate of the animal, the metabolic rate of a specific target tissue in the animal or an increase in free radical flux.

USE - The compositions chemically induce intracellular **hyperthermia** and/or free radicals for the diagnosis and treatment of **infections, malignancy** and other medical conditions. The compositions are especially useful for the diagnosis or killing of **cancer** cells and inactivation of susceptible **bacterial, parasitic, fungal and viral pathogens** by chemically generating heat, free radical and **hyperthermia**-inducible immunogenic determinants. The compositions are especially used to treat **cancer** and acquired immunodeficiency syndrome (AIDS).  
 Dwg.0/31

=> d his

(FILE 'HOME' ENTERED AT 09:02:15 ON 08 APR 2005)

FILE 'REGISTRY' ENTERED AT 09:02:23 ON 08 APR 2005

L1 E 2,4-DINITROPHENOL/CN  
1 S E3  
E GLUCAGON/CN  
L2 1 S E3

FILE 'CAPLUS' ENTERED AT 09:02:47 ON 08 APR 2005

L3 8120 S L1  
L4 16255 S L2  
L5 20904 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR  
L6 667028 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N  
L7 996078 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS  
L8 248590 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)  
L9 11 S L3 AND L4  
L10 1 S L9 AND L5

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:09:26 ON 08  
APR 2005

L11 51618 S "2,4-DINITROPHENOL" OR DINITROPHENOL? OR "2,4-DNP" OR "DNP" O  
L12 111977 S GLUCAGON? OR GLUKAGON? OR "HG-FACTOR" OR (HYPERGLYCEMIC (W) G  
L13 93547 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR  
L14 5243241 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N  
L15 6487323 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS  
L16 1319549 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)  
L17 18574 S (UNCOUPLER?) OR (UNCOUPLING AGENT?) OR (MITOCHONDRIAL (W) UNC  
L18 66733 S L17 OR L11  
L19 10670 S L18 AND (L14 OR L15 OR L16)  
L20 120 S L19 AND L13  
L21 2 S L20 AND L12

=> dup rem l20

PROCESSING COMPLETED FOR L20

L22 87 DUP REM L20 (33 DUPLICATES REMOVED)  
ANSWERS '1-32' FROM FILE MEDLINE  
ANSWERS '33-37' FROM FILE BIOSIS  
ANSWERS '38-70' FROM FILE CAPLUS  
ANSWERS '71-87' FROM FILE EMBASE

=> s l22 and (arbutamine? or dobutamine? or vasopressin? or glutamine? or proline?  
or octanoate? or methylene blue? or tetramethylthionine? or ubiquinone? or  
mendione? or hematoporphyrin? or hematoprophyrin? or linoleic acid? or  
"alpha-linolenic acid" or "gamma-linolenic acid" or arachidonic acid?  
PREVIOUS MSG TOO LONG  
sssavefdksend

L23 0 SSSAVEFDKSEND

=> s arbutamine? or dobutamine? or vasopressin? or glutamine? or proline? or  
octanoate? or methylene blue? or tetramethylthionine? or ubiquinone? or mendione?  
or hematoporphyrin? or hematoprophyrin? or linoleic acid?

L24 591960 ARBUTAMINE? OR DOBUTAMINE? OR VASOPRESSIN? OR GLUTAMINE? OR  
PROLINE? OR OCTANOATE? OR METHYLENE BLUE? OR TETRAMETHYLTHIONINE  
? OR UBIQUINONE? OR MENDIONE? OR HEMATOPORPHYRIN? OR HEMATOPROPH  
YRIN? OR LINOLEIC ACID?

=> s "alpha-linolenic acid" or "gamma-linolenic acid" or arachidonic acid? or  
eicosapentaenoic acid? or docosahexaenoic acid? or docosahexenoic acid? or oleic  
acid? or erucic acid? or phenazine methosulfate? or "2,6-dichlorophenolindophenol"

2 FILES SEARCHED...

4 FILES SEARCHED...

L25 261265 "ALPHA-LINOLENIC ACID" OR "GAMMA-LINOLENIC ACID" OR ARACHIDONIC  
ACID? OR EICOSAPENTAENOIC ACID? OR DOCOSAHEXAENOIC ACID? OR  
DOCOSAHEXENOIC ACID? OR OLEIC ACID? OR ERUCIC ACID? OR PHENAZINE  
METHOSULFATE? OR "2,6-DICHLOROPHENOLINDOPHENOL"

=> s "coenzyme Q1" or "CoQ2" or duroquinone? or decylubiquinone?  
L26 1925 "COENZYME Q1" OR "COQ2" OR DUROQUINONE? OR DECYLUBIQUINONE?

=> s 124 or 125 or 126  
L27 812463 L24 OR L25 OR L26

=> s 122 and 127  
L28 2 L22 AND L27

=> d 128 1-2 ibib ed abs

L28 ANSWER 1 OF 2 MEDLINE on STN  
ACCESSION NUMBER: 79170911 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 312236  
TITLE: Antipyretic activity of SL-573 (II) (author's transl).  
AUTHOR: Yanagi Y; Kurokawa H; Nagao Y; Inukai T  
SOURCE: Nippon yakurigaku zasshi. Japanese journal of pharmacology,  
(1978 Nov) 74 (8) 981-90.  
Journal code: 0420550. ISSN: 0015-5691.  
PUB. COUNTRY: Japan  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: Japanese  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 197907  
ENTRY DATE: Entered STN: 19900315  
Last Updated on STN: 19900315  
Entered Medline: 19790725

ED Entered STN: 19900315

Last Updated on STN: 19900315

Entered Medline: 19790725

AB Antipyretic activity of SL-573 was not influenced by age and sex difference in rats. The combined effect of other drugs on antipyretic activity of SL-573 was examined, using several drugs which might be clinically applicable. Cefazolin sodium, ampicillin sodium, codeine phosphate, hydrochlorothiazide and haloperidol did not show any significant effect on antipyretic activity of SL-573. Diazepam itself showed antipyretic activity, and its combined use with SL-573 resulted in an additive effect. SL-573 also showed antipyretic activity in mice with fever induced by yeast, as was seen in rats. SL-573 diminished the hyperthermic response to **bacterial** endotoxin and leucocytic **pyrogen** in rats, but not to 2, 4-dinitrophenol. Additionally, SL-573 did not inhibit the **bacterial** endotoxin-induced production of leucocytic **pyrogen** and its release in saline medium. SL-573, therefore, is considered to be a centrally acting antipyretic. Intraventricular injection of prostaglandin E2 and **arachidonic acid** induced a **hyperthermia** in mice. SL-573 clearly inhibited **arachidonic acid-induced hyperthermia**, but not prostaglandin E2-induced **hyperthermia**. Since SL-573 is known to inhibit prostaglandin biosynthesis from **arachidonic acid**, the prostaglandin biosynthesis inhibition may be one of the main mechanisms of antipyretic action of SL-573.

L28 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 2000:98300 CAPLUS  
DOCUMENT NUMBER: 132:132356  
TITLE: Chemically induced intracellular **hyperthermia** for therapeutic and diagnostic use  
INVENTOR(S): Bachynsky, Nicholas; Roy, Woodie  
PATENT ASSIGNEE(S): Texas Pharmaceuticals, Inc., USA  
SOURCE: PCT Int. Appl., 149 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000006143	A1	20000210	WO 1999-US16940	19990727
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2337690	AA	20000210	CA 1999-2337690	19990727
AU 9951318	A1	20000221	AU 1999-51318	19990727
AU 750313	B2	20020718		
EP 1098641	A1	20010516	EP 1999-935949	19990727
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			US 1998-94286P	P 19980727
			WO 1999-US16940	W 19990727

ED Entered STN: 11 Feb 2000

AB Therapeutic pharmacol. agents and methods are disclosed for chemical induction of intracellular **hyperthermia** and/or free radicals for the diagnosis and treatment of **infections, malignancy**, and other medical conditions. A process and composition are provided for the diagnosis or killing of **cancer** cells and inactivation of susceptible **bacterial**, parasitic, fungal, and viral pathogens by chemical generating heat, and/or free radicals and/or **hyperthermia**-inducible immunogenic determinants by using **mitochondrial uncoupling agents**, especially **2,4-dinitrophenol**, and their conjugates, either alone or in combination with other drugs, hormones, cytokines and radiation.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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NETWORK CHARGES	2.16	2.94
SEARCH CHARGES	253.26	381.53
DISPLAY CHARGES	9.22	10.32
FULL ESTIMATED COST	336.05	471.01

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.46	-1.46

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=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	336.05	471.01
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL

CA SUBSCRIBER PRICE

ENTRY	SESSION
-1.46	-1.46

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FILE COVERS 1907 - 8 Apr 2005 VOL 142 ISS 16  
FILE LAST UPDATED: 7 Apr 2005 (20050407/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> e bachynsky n/au

E1	3	BACHYNSKY MARIA OKSANA/AU
E2	1	BACHYNSKY MARY P/AU
E3	0 -->	BACHYNSKY N/AU
E4	8	BACHYNSKY NICHOLAS/AU
E5	1	BACHZIK C M/AU
E6	1	BACI DJ/AU
E7	1	BACIA A/AU
E8	3	BACIA ANDRZEJ/AU
E9	2	BACIA D/AU
E10	2	BACIA HENRYK/AU
E11	1	BACIA KATARZYNA/AU
E12	8	BACIA KIRSTEN/AU

=> s e4

L29 8 "BACHYNSKY NICHOLAS"/AU

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E1	1	ROY VITEK/AU
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E4	1	ROY W F/AU
E5	1	ROY W G/AU
E6	3	ROY W J/AU
E7	1	ROY W J JR/AU
E8	7	ROY W K/AU
E9	6	ROY W N/AU
E10	39	ROY W R/AU
E11	1	ROY WADEMAR/AU
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1	"ROY W G"/AU
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6	"ROY W N"/AU

L30 39 "ROY W R"/AU  
58 ("ROY W F"/AU OR "ROY W G"/AU OR "ROY W J"/AU OR "ROY W J JR"/AU  
OR "ROY W K"/AU OR "ROY W N"/AU OR "ROY W R"/AU)

=> e roy woodie/au

E1 1 ROY WM R/AU  
E2 41 ROY WOLFGANG/AU  
E3 1 --> ROY WOODIE/AU  
E4 2 ROY XAVIER/AU  
E5 6 ROY Y/AU  
E6 3 ROY Y ARUN/AU  
E7 1 ROY Y B/AU  
E8 1 ROY Y DE RAUTLIN DE LA/AU  
E9 2 ROY YVES/AU  
E10 1 ROY YVON/AU  
E11 1 ROYA POOSTI/AU  
E12 11 ROYACHKI M/AU

=> s e3

L31 1 "ROY WOODIE"/AU

=> s 129 or 130 or 131

L32 66 L29 OR L30 OR L31

=> s 132 and (hyperthermia?)

12663 HYPERTHERMIA?

L33 1 L32 AND (HYPERTHERMIA?)

=> d 133 ibib ed abs

L33 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:98300 CAPLUS

DOCUMENT NUMBER: 132:132356

TITLE: Chemically induced intracellular hyperthermia  
for therapeutic and diagnostic use

INVENTOR(S): Bachynsky, Nicholas; Roy, Woodie

PATENT ASSIGNEE(S): Texas Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 149 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000006143	A1	20000210	WO 1999-US16940	19990727
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2337690	AA	20000210	CA 1999-2337690	19990727
AU 9951318	A1	20000221	AU 1999-51318	19990727
AU 750313	B2	20020718		
EP 1098641	A1	20010516	EP 1999-935949	19990727
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRIORITY APPLN. INFO.:			US 1998-94286P	P 19980727
			WO 1999-US16940	W 19990727



ED Entered STN: 11 Feb 2000  
AB Therapeutic pharmacol. agents and methods are disclosed for chemical induction of intracellular **hyperthermia** and/or free radicals for the diagnosis and treatment of infections, malignancy, and other medical conditions. A process and composition are provided for the diagnosis or killing of cancer cells and inactivation of susceptible bacterial, parasitic, fungal, and viral pathogens by chemical generating heat, and/or free radicals and/or **hyperthermia**-inducible immunogenic determinants by using mitochondrial uncoupling agents, especially 2,4-dinitrophenol, and their conjugates, either alone or in combination with other drugs, hormones, cytokines and radiation.  
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> save  
ENTER L#, L# RANGE, ALL, OR (END):all  
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L# LIST L1-L33 HAS BEEN SAVED AS 'L09744622/L'

=> d his

(FILE 'HOME' ENTERED AT 09:02:15 ON 08 APR 2005)

FILE 'REGISTRY' ENTERED AT 09:02:23 ON 08 APR 2005

E 2,4-DINITROPHENOL/CN  
L1 1 S E3  
E GLUCAGON/CN  
L2 1 S E3

FILE 'CAPLUS' ENTERED AT 09:02:47 ON 08 APR 2005

L3 8120 S L1  
L4 16255 S L2  
L5 20904 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR  
L6 667028 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N  
L7 996078 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS  
L8 248590 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)  
L9 11 S L3 AND L4  
L10 1 S L9 AND L5

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:09:26 ON 08 APR 2005

L11 51618 S "2,4-DINITROPHENOL" OR DINITROPHENOL? OR "2,4-DNP" OR "DNP" O  
L12 111977 S GLUCAGON? OR GLUKAGON? OR "HG-FACTOR" OR (HYPERGLYCEMIC (W) G  
L13 93547 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR  
L14 5243241 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N  
L15 6487323 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS  
L16 1319549 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)  
L17 18574 S (UNCOUPLER?) OR (UNCOUPLING AGENT?) OR (MITOCHONDRIAL (W) UNC  
L18 66733 S L17 OR L11  
L19 10670 S L18 AND (L14 OR L15 OR L16)  
L20 120 S L19 AND L13  
L21 2 S L20 AND L12  
L22 87 DUP REM L20 (33 DUPLICATES REMOVED)  
L23 0 SSSAVEFDKSEND  
L24 591960 S ARBUTAMINE? OR DOBUTAMINE? OR VASOPRESSIN? OR GLUTAMINE? OR P  
L25 261265 S "ALPHA-LINOLENIC ACID" OR "GAMMA-LINOLENIC ACID" OR ARACHIDON  
L26 1925 S "COENZYME Q1" OR "COQ2" OR DUROQUINONE? OR DECYLUBIQUINONE?  
L27 812463 S L24 OR L25 OR L26  
L28 2 S L22 AND L27

FILE 'CAPLUS' ENTERED AT 09:31:37 ON 08 APR 2005

E BACHYNSKY N/AU  
L29 8 S E4

L30 E ROY W/AU  
58 S E4-E10  
E ROY WOODIE/AU  
L31 1 S E3  
L32 66 S L29 OR L30 OR L31  
L33 1 S L32 AND (HYPERTHERMIA?)  
SAVE ALL L09744622/L

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	23.35	494.36
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.73	-2.19

=> d his

(FILE 'HOME' ENTERED AT 09:02:15 ON 08 APR 2005)

FILE 'REGISTRY' ENTERED AT 09:02:23 ON 08 APR 2005

E 2,4-DINITROPHENOL/CN  
L1 1 S E3  
E GLUCAGON/CN  
L2 1 S E3

FILE 'CAPLUS' ENTERED AT 09:02:47 ON 08 APR 2005

L3 8120 S L1  
L4 16255 S L2  
L5 20904 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR  
L6 667028 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N  
L7 996078 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS  
L8 248590 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)  
L9 11 S L3 AND L4  
L10 1 S L9 AND L5

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:09:26 ON 08 APR 2005

L11 51618 S "2,4-DINITROPHENOL" OR DINITROPHENOL? OR "2,4-DNP" OR "DNP" O  
L12 111977 S GLUCAGON? OR GLUKAGON? OR "HG-FACTOR" OR (HYPERGLYCEMIC (W) G  
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L14 5243241 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N  
L15 6487323 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS  
L16 1319549 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)  
L17 18574 S (UNCOUPLER?) OR (UNCOUPLING AGENT?) OR (MITOCHONDRIAL (W) UNC  
L18 66733 S L17 OR L11  
L19 10670 S L18 AND (L14 OR L15 OR L16)  
L20 120 S L19 AND L13  
L21 2 S L20 AND L12  
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L23 0 SSSAVEFDKSEND  
L24 591960 S ARBUTAMINE? OR DOBUTAMINE? OR VASOPRESSIN? OR GLUTAMINE? OR P  
L25 261265 S "ALPHA-LINOLENIC ACID" OR "GAMMA-LINOLENIC ACID" OR ARACHIDON  
L26 1925 S "COENZYME Q1" OR "COQ2" OR DUROQUINONE? OR DECYLBUBIQUINONE?  
L27 812463 S L24 OR L25 OR L26  
L28 2 S L22 AND L27

FILE 'CAPLUS' ENTERED AT 09:31:37 ON 08 APR 2005

E BACHYNSKY N/AU  
L29 8 S E4  
E ROY W/AU  
L30 58 S E4-E10  
E ROY WOODIE/AU  
L31 1 S E3  
L32 66 S L29 OR L30 OR L31  
L33 1 S L32 AND (HYPERTHERMIA?)  
SAVE ALL L09744622/L

=> file medline biosis caplus embase wpids  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
23.35	494.36

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-0.73	-2.19

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=> s (heat(W)shock(W)protein?) or (stress(W)protein?) or (molecular(W)chaperone?)  
4 FILES SEARCHED...

L34 100579 (HEAT(W) SHOCK(W) PROTEIN?) OR (STRESS(W) PROTEIN?) OR (MOLECULAR(W) CHAPERONE?)

=> s l22 and l34

L35 4 L22 AND L34

=> dup rem l35

PROCESSING COMPLETED FOR L35

L36 4 DUP REM L35 (0 DUPLICATES REMOVED)  
ANSWER '1' FROM FILE MEDLINE  
ANSWER '2' FROM FILE CAPLUS  
ANSWERS '3-4' FROM FILE EMBASE

=> d l36 1-4 ibib ed abs

L36 ANSWER 1 OF 4 MEDLINE on STN  
ACCESSION NUMBER: 94350075 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 8070544  
TITLE: Induction of **heat-shock protein**  
synthesis and thermotolerance in EL-4 ascites **tumor**  
cells by transient ATP depletion after ischemic stress.  
AUTHOR: Gabai V L; Kabakov A E  
CORPORATE SOURCE: Medical Radiology Research Center, Russian Academy of  
Medical Sciences, Obninsk.  
SOURCE: Experimental and molecular pathology, (1994 Apr) 60 (2)

88-99.

Journal code: 0370711. ISSN: 0014-4800.

PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199409  
ENTRY DATE: Entered STN: 19941006  
Last Updated on STN: 19941006  
Entered Medline: 19940929

ED Entered STN: 19941006

Last Updated on STN: 19941006

Entered Medline: 19940929

AB The effect of a short-term energy deprivation (ischemia) on thermoresistance and **heat-shock protein** (HSP) synthesis in murine ascites EL-4 thymoma cells was studied in vitro. The incubation of the cells in glucose-free medium with rotenone (respiratory inhibitor) for 10 min caused rapid ATP depletion (to 9% of the initial level). After recovery, the synthesis of HSP70 and HSP90 was stimulated in the cells and they became greatly more resistant to **hyperthermia** than the control cells. The simultaneous rotenone and thermal treatment significantly decreased cell viability. The transition of HSP70 to Triton X-100-insoluble cell fraction was found in the ATP-depleted cells as well as in the heat-shocked cells, and 1 mM ATP fully reversed such insolubilization when it was added in Triton extraction buffer. The data obtained reveal that transient ATP depletion per se is sufficient to result in the HSP70 insolubilization, thus being conducive to induction of HSP synthesis and thermotolerance in the cells which recovered after energy deprivation. A novel mechanism of protein aggregation in ATP-deficient cells and a possible role of transient ischemia in development of **tumor** thermotolerance in vivo are discussed.

L36 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:98300 CAPLUS

DOCUMENT NUMBER: 132:132356

TITLE: Chemically induced intracellular **hyperthermia** for therapeutic and diagnostic use

INVENTOR(S): Bachynsky, Nicholas; Roy, Woodie

PATENT ASSIGNEE(S): Texas Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 149 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000006143	A1	20000210	WO 1999-US16940	19990727
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2337690	AA	20000210	CA 1999-2337690	19990727
AU 9951318	A1	20000221	AU 1999-51318	19990727
AU 750313	B2	20020718		
EP 1098641	A1	20010516	EP 1999-935949	19990727
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,			

IE, SI, LT, LV, FI, RO  
PRIORITY APPLN. INFO.:

US 1998-94286P P 19980727  
WO 1999-US16940 W 19990727

ED Entered STN: 11 Feb 2000

AB Therapeutic pharmacol. agents and methods are disclosed for chemical induction of intracellular **hyperthermia** and/or free radicals for the diagnosis and treatment of **infections, malignancy,** and other medical conditions. A process and composition are provided for the diagnosis or killing of **cancer** cells and inactivation of susceptible **bacterial, parasitic, fungal, and viral pathogens** by chemical generating heat, and/or free radicals and/or **hyperthermia** -inducible immunogenic determinants by using **mitochondrial uncoupling agents, especially 2,4-dinitrophenol,** and their conjugates, either alone or in combination with other drugs, hormones, cytokines and radiation.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 3 OF 4 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.  
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ACCESSION NUMBER: 1998007283 EMBASE

TITLE: Molecular/cellular biology of the heat stress response and its role in agent-induced teratogenesis.

AUTHOR: Mirkes P.E.

CORPORATE SOURCE: P.E. Mirkes, Birth Defects Research Laboratory, Department of Pediatrics, University of Washington, Box 356320, Seattle, WA 98195, United States. pemst@u.washington.edu

SOURCE: Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, (12 Dec 1997) Vol. 396, No. 1-2, pp. 163-173.  
Refs: 90

ISSN: 0027-5107 CODEN: MRFMEC

PUBLISHER IDENT.: S.0027-5107(97)00182-6

COUNTRY: Netherlands

DOCUMENT TYPE: Journal; General Review

FILE SEGMENT: 005 General Pathology and Pathological Anatomy  
021 Developmental Biology and Teratology  
022 Human Genetics  
052 Toxicology

LANGUAGE: English

SUMMARY LANGUAGE: English

ENTRY DATE: Entered STN: 19980120

Last Updated on STN: 19980120

ED Entered STN: 19980120

Last Updated on STN: 19980120

AB Available data indicate that **heat shock**

**proteins** act as chaperones under non-stress conditions by assisting in: (1) the folding of newly synthesized proteins, (2) the intracellular translocation of proteins, and (3) the function of other proteins. As we gain additional information concerning cellular physiology, we may find that **heat shock**

**proteins** play a key role in many additional cellular functions.

When cells experience thermal or chemical stress, **heat**

**shock proteins** take on a new role, conserved from

**bacteria** to humans, of protecting cells from the detrimental

effects of stress. This latter role takes on added significance for the embryo in which the developmental program must be read linearly, with little opportunity to cycle backward to complete a missed segment of the program. Although circumstantial evidence clearly implicates **heat**

**shock proteins** in protecting embryos from thermal

stress, definitive evidence is still lacking. The challenge for the

future is to obtain such definitive data. Ideally, such information will

lead to new therapeutic paradigms that will afford protection to the human embryo/fetus exposed to thermal/chemical stress.

L36 ANSWER 4 OF 4 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.  
on STN

ACCESSION NUMBER: 86189834 EMBASE  
DOCUMENT NUMBER: 1986189834  
TITLE: Chemically induced resistance to heat treatment and  
**stress protein** synthesis in cultured  
mammalian cells.  
AUTHOR: Haveman J.; Li G.C.; Mak J.Y.; Kipp J.B.A.  
CORPORATE SOURCE: Radiotherapy Department, Academisch Medisch Centrum, 1105  
AZ Amsterdam, Netherlands  
SOURCE: International Journal of Radiation Biology, (1986) Vol. 50,  
No. 1, pp. 51-64.  
CODEN: IJRBA3  
COUNTRY: United Kingdom  
DOCUMENT TYPE: Journal  
FILE SEGMENT: 014 Radiology  
037 Drug Literature Index  
029 Clinical Biochemistry  
016 Cancer  
LANGUAGE: English  
ENTRY DATE: Entered STN: 911210  
Last Updated on STN: 911210  
ED Entered STN: 911210  
Last Updated on STN: 911210  
DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER

=> d his

(FILE 'HOME' ENTERED AT 09:02:15 ON 08 APR 2005)

FILE 'REGISTRY' ENTERED AT 09:02:23 ON 08 APR 2005  
E 2,4-DINITROPHENOL/CN

L1 1 S E3  
E GLUCAGON/CN  
L2 1 S E3

FILE 'CAPLUS' ENTERED AT 09:02:47 ON 08 APR 2005

L3 8120 S L1  
L4 16255 S L2  
L5 20904 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR  
L6 667028 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N  
L7 996078 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS  
L8 248590 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)  
L9 11 S L3 AND L4  
L10 1 S L9 AND L5

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:09:26 ON 08  
APR 2005

L11 51618 S "2,4-DINITROPHENOL" OR DINITROPHENOL? OR "2,4-DNP" OR "DNP" O  
L12 111977 S GLUCAGON? OR GLUKAGON? OR "HG-FACTOR" OR (HYPERGLYCEMIC (W) G  
L13 93547 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR  
L14 5243241 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N  
L15 6487323 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS  
L16 1319549 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)  
L17 18574 S (UNCOUPLER?) OR (UNCOUPLING AGENT?) OR (MITOCHONDRIAL (W) UNC  
L18 66733 S L17 OR L11  
L19 10670 S L18 AND (L14 OR L15 OR L16)  
L20 120 S L19 AND L13  
L21 2 S L20 AND L12  
L22 87 DUP REM L20 (33 DUPLICATES REMOVED)  
L23 0 SSSAVEFDKSEND  
L24 591960 S ARBUTAMINE? OR DOBUTAMINE? OR VASOPRESSIN? OR GLUTAMINE? OR P  
L25 261265 S "ALPHA-LINOLENIC ACID" OR "GAMMA-LINOLENIC ACID" OR ARACHIDON

L26 1925 S "COENZYME Q1" OR "COQ2" OR DUROQUINONE? OR DECYLBUBIQUINONE?  
L27 812463 S L24 OR L25 OR L26  
L28 2 S L22 AND L27

FILE 'CAPLUS' ENTERED AT 09:31:37 ON 08 APR 2005

E BACHYNSKY N/AU  
L29 8 S E4  
E ROY W/AU  
L30 58 S E4-E10  
E ROY WOODIE/AU  
L31 1 S E3  
L32 66 S L29 OR L30 OR L31  
L33 1 S L32 AND (HYPERTHERMIA?)  
SAVE ALL L09744622/L

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:49:51 ON 08  
APR 2005

L34 100579 S (HEAT(W)SHOCK(W)PROTEIN?) OR (STRESS(W)PROTEIN?) OR (MOLECULA  
L35 4 S L22 AND L34  
L36 4 DUP REM L35 (0 DUPLICATES REMOVED)

=> d scan 122

L22 87 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN  
CC 11G (Biological Chemistry: Pathology)  
TI Variations in creatininuria during **induced hyperthermia**  
IT Creatininuria  
(during **hyperthermia**, variations in)  
IT Body temperature  
(high, creatinine excretion during)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

L22 87 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN  
CC 68 (Pharmacodynamics)  
TI **Pyrogens**. XVII. Comparative studies on the hepatic, rectal, and  
muscular temperatures measured in normal and liver-injured rabbits  
IT Liver  
(fatty liver or steatosis, temperature of liver in)  
IT Muscles  
(in liver injury, temperature of)  
IT Fever  
(liver injury effect on)  
IT Intestines  
(temperature of rectum in liver injury)  
IT 51-28-5, Phenol, 2,4-dinitro-  
(body temperature response to, in liver damage)  
IT 50-53-3, Phenothiazine, 2-chloro-10-[3-(dimethylamino)propyl]-  
(body temperature response to, in liver injury)  
IT 59-97-2, 2-Imidazoline, 2-benzyl-, hydrochloride  
(fever response to, heart elec. activity and)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

L22 87 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN  
CC 15-8 (Immunochemistry)  
TI Immune-mediated fever in the dog. Occurrence of antinuclear antibodies,  
rheumatoid factor, **tumor** necrosis factor and interleukin-6 in  
serum  
ST immune fever dog antinuclear antibody; rheumatoid factor immune fever dog;  
interleukin 6 immune fever dog  
IT Canis familiaris  
Fever and **Hyperthermia**  
(antinuclear antibodies, rheumatoid factor, and interleukin-6 in serum)



of dogs with immune-mediated fever)

IT Interleukin 6  
Rheumatoid factors  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(antinuclear antibodies, rheumatoid factor, and interleukin-6 in serum  
of dogs with immune-mediated fever)

IT Antibodies and Immunoglobulins  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(autoantibodies; antinuclear antibodies, rheumatoid factor, and  
interleukin-6 in serum of dogs with immune-mediated fever)

IT Deoxyribonucleoproteins  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(immune-mediated fever in dogs in relation to autoantibodies to)

IT Antigens  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(nuclear antigens; immune-mediated fever in dogs in relation to  
autoantibodies to)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

L22 87 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN  
CC 11G (Biological Chemistry: Pathology)  
TI **Pyrogens**. IV  
IT Escherichia coli  
(fever from vaccine of)  
IT 51-28-5, Phenol, 2,4-dinitro-  
(fever from)  
IT 9005-25-8, Starch  
(fever induced by)  
IT 7732-18-5, Water  
(potable and industrial, fever induced by unsterile)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

L22 87 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN  
CC 68 (Pharmacodynamics)  
TI Effect of reserpine on febrile responses induced by **pyrogenic**  
substances  
IT Brain  
(effect of 3-(3,4-dihydroxyphenyl)alanine, 5-hydroxytryptophan,  
 $\beta$ -phenylisopropylhydrazine and reserpine on elec. activity of)  
IT Body temperature  
Fever  
(reserpine effect on)  
IT 51-28-5, Phenol, 2,4-dinitro-  
(body temperature response to, reserpine effect on)  
IT 55-52-7, Hydrazine, ( $\alpha$ -methylphenethyl)- 63-84-3, Alanine,  
3-(3,4-dihydroxyphenyl)-  
(brain elec. activity response to)  
IT 50-55-5, Reserpine 56-69-9, Tryptophan, 5-hydroxy-  
(brain response to)  
IT 50-55-5, Reserpine  
(fever response to)  
IT 55-52-7, Hydrazine, ( $\alpha$ -methylphenethyl)-  
(in body temperature response, by **pyrogens** and reserpine)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

L22 87 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN  
CC 14-1 (Mammalian Pathological Biochemistry)  
TI Influence of the fever on the methylcholanthrene carcinogenesis in rats.  
II. Changes after a single induction with different doses 2,  
4-dinitrophenol before and after appearance of the  
**tumors**

ST therapeutic fever **tumor** carcinogenesis proliferation inhibition  
IT Cell proliferation  
(inhibition; therapeutic fever by 2,4-  
**dinitrophenol** before and after appearance of **tumors**  
effect on methylcholanthrene carcinogenesis in rats)  
IT **Hyperthermia** (therapeutic)  
**Neoplasm**  
(therapeutic fever by 2,4-**dinitrophenol**  
before and after appearance of **tumors** effect on  
methylcholanthrene carcinogenesis in rats)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

L22 87 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN  
CC 11G (Biological Chemistry: Pathology)  
TI Changes in the organic phosphate metabolism of the liver in overheating  
and in experimental fever  
IT Fever  
(phosphorus metabolism by liver in)  
IT Liver  
(phosphorus metabolism by, in fever)  
IT 7723-14-0, Phosphorus  
(in liver, in fever)  
IT 7723-14-0, Phosphorus  
(metabolism of, by liver)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

L22 87 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN  
CC 68 (Pharmacodynamics)  
TI Differentiation of hyperthermic agents by comparison of their activity in  
relation to doses  
IT Fever  
(-producing substances, evaluation of)  
IT Body temperature  
(agents affecting, evaluation of)  
IT 50-37-3, Lysergamide, N,N-diethyl- 51-28-5, Phenol, 2,4-dinitro-  
2954-50-9, 2-Naphthylamine, 1,2,3,4-tetrahydro-  
(body temperature response to)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

L22 87 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN  
IC ICM A61K031-06  
CC 1-12 (Pharmacology)  
Section cross-reference(s): 9, 63  
TI Chemically induced intracellular **hyperthermia** for therapeutic  
and diagnostic use  
ST intracellular **hyperthermia** mitochondria **uncoupler**  
diagnosis therapy; **dinitrophenol** intracellular  
**hyperthermia** diagnosis therapy; **cancer infection**  
diagnosis therapy intracellular **hyperthermia**; antitumor  
antiinfective intracellular **hyperthermia** mitochondria  
**uncoupler**  
IT **Hepatitis**  
(C; chemical induced intracellular **hyperthermia** for  
diagnostic and therapeutic use, and use with other agents)  
IT Imaging  
(IR; chemical induced intracellular **hyperthermia** for diagnostic  
and therapeutic use, and use with other agents)  
IT Lichen  
(acids; chemical induced intracellular **hyperthermia** for  
diagnostic and therapeutic use, and use with other agents)  
IT Antitumor agents

(adenocarcinoma; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Cell cycle  
(agents specific for; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Antibiotics  
(aminoglycoside; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Artery  
(angioplasty; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Peptides, biological studies  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(antibiotic; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Macrolides  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(antibiotics; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Antibodies  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(antiviral; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Infection  
(**bacterial**; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Mammary gland  
(**carcinoma**; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Alkylating agents, biological  
Anti-**infective** agents  
Anti-ischemic agents  
Antibacterial agents  
Antitumor agents  
Antiviral agents  
Combinatorial chemistry  
Combinatorial library  
Cyanine dyes  
Diagnosis  
Echinococcus multilocularis  
**Fungicides**  
**Human immunodeficiency virus**  
**Hyperthermia** (therapeutic)  
**Infection**  
Lyme disease  
**Neoplasm**  
Parasitocides  
Positron-emission tomography  
Radiotherapy  
Surgery  
(chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Cytokines  
Histones  
Interleukin 1  
Interleukin 10  
Interleukin 2  
Interleukin 4

Leukotrienes  
Nucleoside analogs  
Oligosaccharides, biological studies  
Polyenes  
Polyethers, biological studies  
Prostaglandins  
Sulfonamides  
Tetracyclines  
Thromboxanes  
Thyroid hormones

**Tumor** necrosis factors

Ubiquinones

Uncoupling protein

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Heat-shock proteins

Radicals, biological studies

RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)

(chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Alcohols, biological studies

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(fluoro; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Neuroglia

(glioma; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Hormones, animal, biological studies

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(hormone agonists; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Antibodies

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(humanized, to HER-2/neu; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Liver, disease

(hydatid; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Fungi

**Parasite**

(infection; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Antibiotics

Ionophores

(ionophorous antibiotic **uncouplers**; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Drug delivery systems

(liposomes; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Antibiotics

(macrolide; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Metabolism  
(metabolic rate; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Mitochondria  
(**mitochondrial uncoupling agents**; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT neu (receptor)  
RL: BSU (Biological study, unclassified); BIOL (Biological study) (monoclonal humanized antibodies to; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Antibodies  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(monoclonal, to HER-2/neu; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Fatty acids, biological studies  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(monounsaturated; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Prostate gland  
Prostate gland  
(**neoplasm**, inhibitors; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Alkaloids, biological studies  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(podophyllin and plant; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Fatty acids, biological studies  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(polyunsaturated; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Antitumor agents  
(prostate gland; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Drugs  
(sulfa drugs; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Drug interactions  
(synergistic; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Animal tissue  
(target tissue metabolic rate; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Fatty acids, biological studies  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(unsaturated; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Infection  
(viral; chemical induced intracellular **hyperthermia** for

diagnostic and therapeutic use, and use with other agents)

IT Interferons  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 ( $\alpha$ -2a; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Interferons  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 ( $\alpha$ -2b; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Interferons  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 ( $\alpha$ ; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Lactams  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 ( $\beta$ -, antibiotics; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Antibiotics  
 ( $\beta$ -lactam; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Interferons  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 ( $\beta$ ; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT Interferons  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 ( $\gamma$ ; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT 9034-40-6, Luteinizing hormone-releasing factor  
 RL: BSU (Biological study, unclassified); BIOL (Biological study)  
 (agonists; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT 50-18-0 50-49-7 50-65-7 50-76-0, Actinomycin D 51-21-8 51-28-5, biological studies 51-28-5D, derivs. and conjugates 51-48-9, biological studies 51-75-2 52-24-4 53-03-2 53-79-2 54-42-2 55-98-1 56-53-1 56-75-7 56-85-9, L-Glutamine, biological studies 57-22-7 57-62-5 57-63-6 57-92-1, biological studies 58-22-0 58-27-5 59-05-2D, analogs 59-87-0 60-33-3, 9,12-Octadecadienoic acid (9Z,12Z)-, biological studies 60-54-8D, derivs. 61-32-5 61-33-6, biological studies 61-68-7 61-73-4 63-74-1 63-74-1D, derivs. 65-49-6 66-79-5 67-20-9 67-45-8 68-35-9 68-81-5 70-00-8 72-14-0 74-81-7, biological studies 76-43-7 79-43-6D, nitrobenzene derivs 79-57-2 87-86-5 91-40-7 92-82-0D, Phenazine, derivs. 97-18-7 100-02-7, biological studies 102-82-9 103-82-2D, Benzeneacetic acid, derivs. 112-80-1, 9-Octadecenoic acid (9Z)-, biological studies 112-86-7 114-07-8, Erythromycin 116-44-9 125-84-8 126-07-8 127-33-3 147-85-3, L-Proline, biological studies 147-94-4 148-79-8 148-82-3 154-21-2 154-42-7 154-93-8 299-11-6 302-79-4, Retinoic acid 305-03-3 320-67-2 370-86-5 389-08-2 439-14-5 443-48-1 459-86-9 463-40-1 479-20-9 484-49-1 506-26-3 506-32-1 518-28-5 519-23-3 520-85-4 521-52-8 527-17-3 529-37-3D, 4(1H)-Quinolinone, derivs. 530-78-9 531-82-8 548-62-9

555-60-2 564-25-0 593-38-4 595-33-5 606-06-4 630-56-8 637-07-0  
 671-16-9 727-81-1 754-91-6 768-94-5, Tricyclo[3.3.1.1<sup>3,7</sup>]decan-1-  
 amine 804-36-4 865-21-4, Vincal leukoblastine 914-00-1 956-48-9  
 960-71-4 1041-01-6 1066-17-7, Colistin 1151-51-5 1392-21-8,  
 Leucomycin 1397-89-3, Amphotericin B 1400-61-9, Nystatin 1402-38-6,  
 Actinomycin 1402-82-0, Amphomycin 1403-17-4, Candicidin 1403-66-3;  
 Gentamicin 1404-04-2, Neomycin 1404-88-2, Tyrothricin 1405-87-4,  
 Bacitracin 1405-97-6, Gramicidin 1406-05-9, Penicillin 1406-11-7,  
 Polymyxin 1689-83-4 1960-88-9 2001-95-8, Valinomycin 2022-85-7  
 2030-63-9 2034-22-2 2338-10-5 2338-11-6 2338-12-7 2338-29-6  
 2520-21-0 3056-17-5 3511-16-8 3778-73-2 4151-50-2 4342-03-4  
 4428-95-9 4543-33-3 5331-91-9 5536-17-4 6217-54-5 6236-05-1  
 6893-02-3 7283-41-2 7440-43-9, Cadmium, biological studies  
 7440-70-2, Calcium, biological studies 7481-89-2 7562-61-0  
 8011-61-8, Tyrocidine 8052-16-2, Actinomycin C 9007-92-5, Glucagon,  
 biological studies 10118-90-8 10417-94-4 10461-11-7 10537-47-0  
 11000-17-2, Vasopressin 11003-38-6, Capreomycin 11006-76-1,  
 Virginiamycin 11006-78-3, Stendomycin 11017-50-8, Suzukacillin  
 11029-61-1, Gramicidin A 11056-06-7, Bleomycin 11111-23-2, Lividomycin  
 11115-82-5, Enduracidin 12633-72-6, Amphotericin 12692-85-2,  
 Antiamebin 13010-47-4 13278-36-9 13311-84-7 13392-28-4  
 13799-49-0 13799-49-0D, isomers 13909-09-6 13925-12-7 14459-29-1  
 14698-29-4 15663-27-1 16128-96-4 17090-79-8, Monensin 17650-86-1  
 17924-92-4 18323-44-9 19246-70-9 19562-30-2 19721-56-3  
 20559-55-1 22494-42-4 22662-39-1 22916-47-8 25104-18-1  
 25546-65-0 26097-80-3 26655-39-0 26786-84-5 26787-78-0  
 27061-78-5, Alamethicin 27138-57-4D, lactone, derivs. 27194-24-7D,  
 derivs. 27314-97-2 27693-70-5 28380-24-7, Nigericin 29767-20-2  
 30042-37-6 30516-87-1 31441-78-8, Purinethiol 32986-56-4  
 33069-62-4 33354-58-4 33419-42-0 34368-04-2 36791-04-5  
 36877-68-6D, derivs. 37231-28-0, Melittin 37517-28-5 38000-06-5  
 38640-92-5 40451-44-3 41575-94-4 45285-51-6 50892-23-4  
 51940-44-4 52214-84-3 53024-98-9, Everninomicin 53714-56-0  
 54965-21-8 55486-00-5 56219-57-9 59277-89-3 60842-45-7, Desaspidin  
 60976-67-2, Gramicidin J 61477-96-1 62362-59-8 63939-09-3, Curamycin  
 65277-42-1

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT 65454-19-5, Trichotoxin 68786-66-3 69655-05-6 72301-79-2  
 74011-58-8 74722-67-1 80738-43-8D, Lincosamide, derivs. 80802-79-5,  
 Cecropin (antibacterial peptide) 81627-83-0, Colony-stimulating factor 1  
 82410-32-0 82419-36-1 83150-76-9 83869-56-1, Colony-stimulating  
 factor 2 84625-61-6 85721-33-1 86386-73-4 89107-47-1, Hypelcin  
 91156-71-7 95233-18-4 100292-37-3, Zervamicin 113041-69-3, Magainin  
 115717-83-4 121007-17-8 127779-20-8 128470-16-6 134678-17-4  
 136470-78-5 145781-92-6 148159-85-7, Saturnisporin SA IV 150378-17-9  
 154598-52-4 155213-67-5 159989-64-7 161814-49-9 171980-70-4,  
 Trichorzin HA V 256932-84-0 256932-84-0D, sulfoxide and sulfone  
 metabolites 256932-85-1 256932-86-2 256932-87-3 256932-88-4  
 256932-89-5

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT 9001-92-7, Proteinase 9039-48-9, Aromatase  
 RL: BSU (Biological study, unclassified); BIOL (Biological study)  
 (inhibitors; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

IT 29656-58-4D, derivs.

RL: BAC (Biological activity or effector, except adverse); BSU (Biological

study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(lichen acids; chemical induced intracellular **hyperthermia** for diagnostic and therapeutic use, and use with other agents)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> s 122 and (antibiotic? or antibacterial? or antifungal?)

L37 1 L22 AND (ANTIBIOTIC? OR ANTIBACTERIAL? OR ANTIFUNGAL?)

=> d 137

L37 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2000:98300 CAPLUS

DN 132:132356

TI Chemically induced intracellular **hyperthermia** for therapeutic and diagnostic use

IN Bachynsky, Nicholas; Roy, Woodie

PA Texas Pharmaceuticals, Inc., USA

SO PCT Int. Appl., 149 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000006143	A1	20000210	WO 1999-US16940	19990727
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2337690	AA	20000210	CA 1999-2337690	19990727
	AU 9951318	A1	20000221	AU 1999-51318	19990727
	AU 750313	B2	20020718		
	EP 1098641	A1	20010516	EP 1999-935949	19990727
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI	US 1998-94286P	P	19980727		
	WO 1999-US16940	W	19990727		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d cost

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
13.00	90.78
0.60	3.78
18.90	419.33
9.67	22.64

FULL ESTIMATED COST

42.17 536.53

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-0.73	-2.92

CA SUBSCRIBER PRICE

IN FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' AT 09:55:52 ON 08 APR 2005



=> d his

(FILE 'HOME' ENTERED AT 09:02:15 ON 08 APR 2005)

FILE 'REGISTRY' ENTERED AT 09:02:23 ON 08 APR 2005

E 2,4-DINITROPHENOL/CN

L1 1 S E3

E GLUCAGON/CN

L2 1 S E3

FILE 'CAPLUS' ENTERED AT 09:02:47 ON 08 APR 2005

L3 8120 S L1

L4 16255 S L2

L5 20904 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR

L6 667028 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N

L7 996078 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS

L8 248590 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)

L9 11 S L3 AND L4

L10 1 S L9 AND L5

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:09:26 ON 08 APR 2005

L11 51618 S "2,4-DINITROPHENOL" OR DINITROPHENOL? OR "2,4-DNP" OR "DNP" O

L12 111977 S GLUCAGON? OR GLUKAGON? OR "HG-FACTOR" OR (HYPERGLYCEMIC (W) G

L13 93547 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR

L14 5243241 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N

L15 6487323 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS

L16 1319549 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)

L17 18574 S (UNCOUPLER?) OR (UNCOUPLING AGENT?) OR (MITOCHONDRIAL (W) UNC

L18 66733 S L17 OR L11

L19 10670 S L18 AND (L14 OR L15 OR L16)

L20 120 S L19 AND L13

L21 2 S L20 AND L12

L22 87 DUP REM L20 (33 DUPLICATES REMOVED)

L23 0 SSSAVEFDKSEND

L24 591960 S ARBUTAMINE? OR DOBUTAMINE? OR VASOPRESSIN? OR GLUTAMINE? OR P

L25 261265 S "ALPHA-LINOLENIC ACID" OR "GAMMA-LINOLENIC ACID" OR ARACHIDON

L26 1925 S "COENZYME Q1" OR "COQ2" OR DUROQUINONE? OR DECYLBUBIQUINONE?

L27 812463 S L24 OR L25 OR L26

L28 2 S L22 AND L27

FILE 'CAPLUS' ENTERED AT 09:31:37 ON 08 APR 2005

E BACHYNSKY N/AU

L29 8 S E4

E ROY W/AU

L30 58 S E4-E10

E ROY WOODIE/AU

L31 1 S E3

L32 66 S L29 OR L30 OR L31

L33 1 S L32 AND (HYPERTHERMIA?)

SAVE ALL L09744622/L

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:49:51 ON 08 APR 2005

L34 100579 S (HEAT(W)SHOCK(W)PROTEIN?) OR (STRESS(W)PROTEIN?) OR (MOLECULA

L35 4 S L22 AND L34

L36 4 DUP REM L35 (0 DUPLICATES REMOVED)

L37 1 S L22 AND (ANTIBIOTIC? OR ANTIBACTERIAL? OR ANTIFUNGAL?)

=> file stnguide

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

43.40

537.76

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.73	-2.92

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 AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.  
 LAST RELOADED: Apr 1, 2005 (20050401/UP).

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.06	537.82

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.92

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FILE 'WPIDS' ENTERED AT 09:57:13 ON 08 APR 2005  
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=> s l22 and aminoglycoside? or macrolide? or polyene? or nitroimidazole? or  
 penicillin? or tetracyclin? or amphotericin? or neomycin? or polymyxin? or  
 sulfonamide?

L38 539253 L22 AND AMINOGLYCOSIDE? OR MACROLIDE? OR POLYENE? OR NITROIMIDAZ  
 OLE? OR PENICILLIN? OR TETRACYCLIN? OR AMPHOTERICIN? OR NEOMYCIN  
 ? OR POLYMYXIN? OR SULFONAMIDE?

=> s l22 and (aminoglycoside? or macrolide? or polyene? or nitroimidazole? or  
 penicillin? or tetracyclin? or amphotericin? or neomycin? or polymyxin? or  
 sulfonamide?)

L39 5 L22 AND (AMINOGLYCOSIDE? OR MACROLIDE? OR POLYENE? OR NITROIMIDA  
 ZOLE? OR PENICILLIN? OR TETRACYCLIN? OR AMPHOTERICIN? OR NEOMYCI  
 N? OR POLYMYXIN? OR SULFONAMIDE?)

=> dup rem l39

PROCESSING COMPLETED FOR L39

L40 5 DUP REM L39 (0 DUPLICATES REMOVED)  
 ANSWER '1' FROM FILE MEDLINE  
 ANSWERS '2-3' FROM FILE CAPLUS  
 ANSWERS '4-5' FROM FILE EMBASE

=> d l40 1-5 ibib ed abs

L40 ANSWER 1 OF 5 MEDLINE on STN  
 ACCESSION NUMBER: 72055269 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 4108159

TITLE: Role of leucocytes in fever.  
 AUTHOR: Atkins E; Bodel P T  
 SOURCE: Ciba Foundation symposium, (1971) 81-100. Ref: 39  
 Journal code: 0356636. ISSN: 0300-5208.  
 PUB. COUNTRY: Netherlands  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 197202  
 ENTRY DATE: Entered STN: 19900310  
 Last Updated on STN: 19900310  
 Entered Medline: 19720214  
 ED Entered STN: 19900310  
 Last Updated on STN: 19900310  
 Entered Medline: 19720214

L40 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:545502 CAPLUS  
 DOCUMENT NUMBER: 135:117219  
 TITLE: Hapten-coagulation agent-antineoplastic agent  
 combinations for treating **neoplasms**  
 INVENTOR(S): Yu, Baofa  
 PATENT ASSIGNEE(S): USA  
 SOURCE: PCT Int. Appl., 83 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001052868	A1	20010726	WO 2001-US1737	20010118
WO 2001052868	C2	20030116		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002044919	A1	20020418	US 2001-765060	20010117
US 6811788	B2	20041102		
CA 2397598	AA	20010726	CA 2001-2397598	20010118
JP 2004505009	T2	20040219	JP 2001-552915	20010118
PRIORITY APPLN. INFO.:			US 2000-177024P	P 20000119
			WO 2001-US1737	W 20010118

ED Entered STN: 27 Jul 2001  
 AB Methods are provided for treating **neoplasms, tumors**  
 and **cancers**, using one or more haptens and coagulation agents or  
 treatments, alone or in combination with other anti-**neoplastic**  
 agents or treatments. Also provided are combinations, and kits containing the  
 combinations for effecting the therapy.  
 REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L40 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:98300 CAPLUS  
 DOCUMENT NUMBER: 132:132356  
 TITLE: Chemically induced intracellular **hyperthermia**  
 for therapeutic and diagnostic use

INVENTOR(S): Bachynsky, Nicholas; Roy, Woodie  
PATENT ASSIGNEE(S): Texas Pharmaceuticals, Inc., USA  
SOURCE: PCT Int. Appl., 149 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000006143	A1	20000210	WO 1999-US16940	19990727
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2337690	AA	20000210	CA 1999-2337690	19990727
AU 9951318	A1	20000221	AU 1999-51318	19990727
AU 750313	B2	20020718		
EP 1098641	A1	20010516	EP 1999-935949	19990727
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			US 1998-94286P	P 19980727
			WO 1999-US16940	W 19990727

ED Entered STN: 11 Feb 2000

AB Therapeutic pharmacol. agents and methods are disclosed for chemical induction of intracellular **hyperthermia** and/or free radicals for the diagnosis and treatment of **infections, malignancy**, and other medical conditions. A process and composition are provided for the diagnosis or killing of **cancer** cells and inactivation of susceptible **bacterial**, parasitic, fungal, and viral pathogens by chemical generating heat, and/or free radicals and/or **hyperthermia** -inducible immunogenic determinants by using **mitochondrial uncoupling agents**, especially 2,4-dinitrophenol, and their conjugates, either alone or in combination with other drugs, hormones, cytokines and radiation.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L40 ANSWER 4 OF 5 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.  
on STN

ACCESSION NUMBER: 85093739 EMBASE  
DOCUMENT NUMBER: 1985093739  
TITLE: Drug-related heatstroke.  
AUTHOR: Clark W.G.; Lipton J.M.  
CORPORATE SOURCE: Department of Pharmacology, The University of Texas Health Science Center at Dallas, Dallas, TX 75235, United States  
SOURCE: Pharmacology and Therapeutics, (1984) Vol. 26, No. 3, pp. 345-388.  
CODEN: PHTHDT  
COUNTRY: United Kingdom  
DOCUMENT TYPE: Journal  
FILE SEGMENT: 037 Drug Literature Index  
038 Adverse Reactions Titles  
030 Pharmacology  
008 Neurology and Neurosurgery  
024 Anesthesiology  
032 Psychiatry  
LANGUAGE: English

ENTRY DATE: Entered STN: 911210  
Last Updated on STN: 911210  
ED Entered STN: 911210  
Last Updated on STN: 911210  
DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER

L40 ANSWER 5 OF 5 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.  
on STN

ACCESSION NUMBER: 82214678 EMBASE  
DOCUMENT NUMBER: 1982214678  
TITLE: **Hyperthermia in cancer therapy.**  
AUTHOR: Mochizuki A.; Saito M.  
CORPORATE SOURCE: Japan  
SOURCE: Japanese Journal of Medical Electronics and Biological  
Engineering, (1982) Vol. 20, No. 2, pp. 65-72.  
CODEN: IYSEAK  
COUNTRY: Japan  
DOCUMENT TYPE: Journal  
FILE SEGMENT: 037 Drug Literature Index  
027 Biophysics, Bioengineering and Medical  
Instrumentation  
016 Cancer  
014 Radiology

LANGUAGE: Japanese  
ENTRY DATE: Entered STN: 911209  
Last Updated on STN: 911209

ED Entered STN: 911209  
Last Updated on STN: 911209  
DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER

=> d his

(FILE 'HOME' ENTERED AT 09:02:15 ON 08 APR 2005)

FILE 'REGISTRY' ENTERED AT 09:02:23 ON 08 APR 2005

E 2,4-DINITROPHENOL/CN  
L1 1 S E3  
E GLUCAGON/CN  
L2 1 S E3

FILE 'CAPLUS' ENTERED AT 09:02:47 ON 08 APR 2005

L3 8120 S L1  
L4 16255 S L2  
L5 20904 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR  
L6 667028 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N  
L7 996078 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS  
L8 248590 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)  
L9 11 S L3 AND L4  
L10 1 S L9 AND L5

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:09:26 ON 08  
APR 2005

L11 51618 S "2,4-DINITROPHENOL" OR DINITROPHENOL? OR "2,4-DNP" OR "DNP" O  
L12 111977 S GLUCAGON? OR GLUKAGON? OR "HG-FACTOR" OR (HYPERGLYCEMIC (W) G  
L13 93547 S HYPERTHERMIA? OR (INTRACELLULAR INDUCED HYPERTHERMIA?) OR PYR  
L14 5243241 S CANCER OR NEOPLAS? OR MALIGNAN? OR TUMOR? OR CARCINOMA? OR "N  
L15 6487323 S INFECTI? OR "HIV" OR (HUMAN IMMUNODEFICIENCY VIRUS?) OR VIRUS  
L16 1319549 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)  
L17 18574 S (UNCOUPLER?) OR (UNCOUPLING AGENT?) OR (MITOCHONDRIAL (W) UNC  
L18 66733 S L17 OR L11  
L19 10670 S L18 AND (L14 OR L15 OR L16)  
L20 120 S L19 AND L13  
L21 2 S L20 AND L12

L22 87 DUP REM L20 (33 DUPLICATES REMOVED)  
L23 0 SSSAVEFDKSEND  
L24 591960 S ARBUTAMINE? OR DOBUTAMINE? OR VASOPRESSIN? OR GLUTAMINE? OR P  
L25 261265 S "ALPHA-LINOLENIC ACID" OR "GAMMA-LINOLENIC ACID" OR ARACHIDON  
L26 1925 S "COENZYME Q1" OR "COQ2" OR DUROQUINONE? OR DECYLBUIQUINONE?  
L27 812463 S L24 OR L25 OR L26  
L28 2 S L22 AND L27

FILE 'CAPLUS' ENTERED AT 09:31:37 ON 08 APR 2005

E BACHYNSKY N/AU  
L29 8 S E4  
E ROY W/AU  
L30 58 S E4-E10  
E ROY WOODIE/AU  
L31 1 S E3  
L32 66 S L29 OR L30 OR L31  
L33 1 S L32 AND (HYPERTHERMIA?)  
SAVE ALL L09744622/L

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:49:51 ON 08 APR 2005

L34 100579 S (HEAT(W)SHOCK(W)PROTEIN?) OR (STRESS(W)PROTEIN?) OR (MOLECULA  
L35 4 S L22 AND L34  
L36 4 DUP REM L35 (0 DUPLICATES REMOVED)  
L37 1 S L22 AND (ANTIBIOTIC? OR ANTIBACTERIAL? OR ANTIFUNGAL?)

FILE 'STNGUIDE' ENTERED AT 09:56:36 ON 08 APR 2005

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, WPIDS' ENTERED AT 09:57:13 ON 08 APR 2005

L38 539253 S L22 AND AMINOGLYCOSIDE? OR MACROLIDE? OR POLYENE? OR NITROIMI  
L39 5 S L22 AND (AMINOGLYCOSIDE? OR MACROLIDE? OR POLYENE? OR NITROIM  
L40 5 DUP REM L39 (0 DUPLICATES REMOVED)

=> save

ENTER L#, L# RANGE, ALL, OR (END):all

ENTER NAME OR (END):L09744622/L

'L09744622/L' IN USE

A single name cannot be used for two saved items at the same time.  
Enter "Y" if you wish to replace the current saved name with a new  
definition. Enter "N" if the current saved definition must be  
preserved. You may then reenter the SAVE command with a different  
saved name. Enter "DISPLAY SAVED" at an arrow prompt (=>) to see a  
list of your currently defined saved names.

REPLACE OLD DEFINITION? Y/(N):y

L# LIST L1-L40 HAS BEEN SAVED AS 'L09744622/L'

=> d his

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E GLUCAGON/CN  
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L16 1319549 S INFESTATION? OR PARASITE? OR FUNGI? OR (FUNGAL (W) INFECTI?)  
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L40 5 DUP REM L39 (0 DUPLICATES REMOVED)  
SAVE ALL L09744622/L